

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:

R. L. Mahany et al.

Serial No.: 10/692,959

Filed: October 24, 2003

For: WIRELESS PERSONAL LOCAL  
AREA NETWORK

Examiner: Vu, Huy Duy

Group Art Unit : 2616

Confirmation No. 1865

**ELECTRONICALLY FILED**  
**On May 15, 2007**

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Attached with this electronic submission are the following:

- A completed PTO/SB/08A which has six (6) pages.
- A copy of each printed reference listed in the PTO/SB/08A form is attached. Applicants, however, have not submitted U.S. Patents or other references previously provided to or by the PTO in this application. One hundred and thirteen (113) references are attached.

**FEE DETERMINATION AND PAYMENT**

No fee is believed to be due because:

- The applicant(s) believe(s) that this statement and attachments are being filed before the first Office action on the merits has been mailed by the PTO. The basis of this belief is that no Office action on the merits appears to have been received by the undersigned to date.

The Commissioner is hereby authorized to charge any fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

#### REQUEST FOR CONSIDERATION

This paper and attachments are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above.

The owner of record of the present application, Broadcom Corporation, is currently involved in several disputes with Qualcomm, Inc., including the following pending lawsuit and investigation:

- In the Matter of Certain Baseband Processor Chips and Chipsets, Transmitter and Receiver (Radio) Chips, Power Control Chips, and Products Containing Same, Including Cellular Telephone Handsets, U.S. International Trade Commission Case. No. 377-TA-543.
- Broadcom Corp. v. Qualcomm, Inc., Civil Action No. 05-468 in the Central District of California

The references being electronically submitted have been either cited, produced or relied upon by Qualcomm thus far during the above-mentioned lawsuit and/or investigation. This electronic submission is in no way intended as an admission that the submitted references constitute prior art under any subsection of 35 U.S.C. §102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial the attached PTO/SB/08A and return a copy to the applicants to indicate consideration of the attached references.

Respectfully submitted,

Date: May 15, 2007

  
Philip Henry Sheridan  
Reg. No. 59,918

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/692,959
		Filing Date	10/24/2003
		First Named Inventor	Mahany et al.
		Group Art Unit	2616
		Examiner Name	Vy, Huy Duy
Sheet	1	of	6
		Attorney Docket Number	14407US02

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A86	3,955,140	05-04-1976	Stephens	
	A87	4,989,230	01-29-1991	Gilling	
	A88	5,682,379	10-28-1997	Mahany et al.	
	A89	6,359,872	03-19-2002	Mahany et al.	
	A90	5,465,207	11-07-1995	Boatwright, et al.	
	A91	5,457,629	10-10-1995	Miller, et al.	
	A92	3,745,462	07-10-1973	Trimble	
	A93	5,351,270	09-27-1994	Graham, et al.	
	A94	2,731,622	01-17-1956	Doremus et al.	
	A95	2,932,729	04-12-1960	Yamato et al.	
	A96	2,987,615	06-06-1961	Dimmer et al.	
	A97	3,366,880	01-30-1968	Driver et al.	
	A98	3,387,212	06-04-1968	Kaufman	
	A99	4,481,382	11-06-1984	Villa-Real	
	A100	4,491,966	01-01-1985	Morcerf et al.	
	A101	4,627,107	12-02-1986	Hoffield et al.	
	A102	4,659,878	04-21-1987	Dinkins	
	A103	4,677,655	06-30-1987	Hashimoto	
	A104	4,682,351	07-21-1987	Makino	
	A105	4,700,375	10-13-1987	Reed	
	A106	4,706,274	11-10-1987	Baker et al.	
	A107	4,741,019	04-26-1988	Takahashi	
	A108	4,879,740	11-07-1989	Nagashima et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Kind Code <sup>4</sup> (if known)			
B22	WO 89-04569			05-18-1989	Massa et al.	
B23	AU 696841			07-20-2006	Mahany et al.	
B24	WO 94/27382			05-06-1994	Mahany et al.	
B25	GB 2162404A			01-29-1986	Munday et al.	

EXAMINER SIGNATURE	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST-3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 35 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Rev. Sept. 03

J:\OPEN\phs\Broadcom (1772)\Qualcomm\Litigation Statement & IDS Project\ITC Litigation Statement & IDS\5,682,379 & 6,359,872 Bluetooth Patents\2nd Supp IDS - Bluetooth 5,682,379 & 6,359,872\No Fee\14407US02\14407US02 Supp SB08A.doc

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		Examiner Name	Vu, Huy Duy
Attorney Docket Number	14407US02		
Sheet	2	Of	6

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C28	McNAMARA, "Technical Aspects of Data Communication", Digital Press, 3rd Edition, 1988
	C31	Bluetooth Patent/Copyright License Agreement, Bates Nos. QBB029532-29539
	C32	The Bluetooth SIG: General Information & Membership Benefits, Bates Nos. QBB029518-19531, 04/2003
	C33	Bluetooth SIG, Inc. Membership Application
	C34	Acceptance of Associates Membership By Qualcomm, Includes Bluetooth SIG Application for Membership, Bates Nos. QBB029479-29482, 08/08/2001
	C35	MSM Overview & Data Sheets: Overview only – MSM7600, 7500, 7200 & 6125; Overview & Data Sheets – MSM6800, 6500, 6300, 6280, 6275, 6260, 6255, 6250, 6225, 6200, 6100, 6050, 6025 & 6000
	C37	Specifications of the Bluetooth System, PROFILES, Specification Vol. 2, Version 1.1, 02/22/200
	C40	Hands-Free Profile Adopted Version 1.0, 04-20-2003 QBB 729883-719955
	C41	Specification of the Bluetooth System, PROFILES, Specification Vol. 2, v1.0B, 12/01/1999
	C42	Broadcom's Complaint Under Section 337 Of The Tariff Act of 1930, As Amended, with index of Exhibits
	C48	Golnick Deposition Transcript, 10/27/2005
	C49	Bunte Deposition Transcript, 10/28/2005
	C50	Luse Deposition Transcript, 11/17/2005
	C51	Steven Koenck Deposition Transcript, 11/15/2005
	C52	Expert Report Concerning U.S. Patent Nos. 5,682,379 and 6,359,872 by Professor Stuart C. Schwartz
	C53	MSM Overview & Data Sheet – MSM6150
	C58	Posthearing Brief Of The Commission Investigative Staff, United States International Trade Commission, 04/03/2006
	C59	"Automation In Warehousing", Proceedings Of The 8th International Conference, Tokyo, Japan, 10/06-08/1987, pp. 1-355
	C60	"Supporting Research And Advanced Development", NASA Space Programs Summary 37-48, Vol. III, Jet Propulsion Laboratory, 12/31/1967, pp. 1-291
	C61	07/699,818 – file history
	C62	07/700,704 – file history
	C63	07/982,292 – file history
	C64	07/997,693 – file history
	C65	08/027,140 – file history
	C66	08/500,977 – file history
	C67	08/959,432 – file history
	C68	07/553,438 – file history
	C69	07/716,707 – file history
	C70	10/101,436 – file history
	C71	10/458,597 – file history
	C72	07/876,776 – file history
	C73	07/854,115 – file history
	C74	07/558,895 – file history
	C75	07/529,353 – file history
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>

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	C76	Claim Construction Order for '872 Patent, and Court's Claim Construction, 05/01/06
	C77	Claim Construction Order for '379 Patent, and Court's Claim Construction, 05/01/06
	C78	INTENTIONALLY LEFT BLANK
	C79	NASA Technical Note, NASA TN D-6974, Apollo Experience Report - Lunar Module Communications System, September 1972
	C80	NASA, Apollo Program Summary Report, JSC-09423, TM-X-68725, April 1975
	C81	NASA, Apollo 17 Press Kit, Release No.: 72-220K, November 26, 1972
	C82	INTENTIONALLY LEFT BLANK
	C83	Panasonic, Cordlessphone KX-T3000 EASA-PHONE
	C84	MAJ. ONDO, "Field Artillery Journal: PLRS/JTIDS Hybrid," Jan-Feb 1981, pp. 20-26
	C85	PROFFITT, 36 <sup>th</sup> IEEE Vehicular Technology Conference, "The Portable Cell Site," May 20-22, 1986, pp. 291-300
	C86	RECHTER, IEEE Military Communications Conference, Conference Record Volume 1, "PLRS-JTIDS Hybrid (PJM) Satellite Overlay Concept," October 21-24, 1984, pp. 280-283
	C87	ELDEN, IEEE Military Communications Conference, Conference Record Volume 1 of 3, "Survival Networks For The 21 <sup>st</sup> Century TACS," October 20-23, 1985, pp. 210-214
	C88	DE PEDRO, PLANETA, and PERLOFF, IEEE Military Communications Conference, Conference Record Volume 1 of 3, "Multimedia Networking Techniques to Enhance Communications Survivability," October 20-23, 1985, pp. 308-312
	C89	RICE, E.J., IEEE Military Communications Conference, October 5-9, 1986, Section 24.3.1-24.3.6
	C90	CUMMINGS, and TURNER, Conference Record Volume 2 of 3, "A Mixed-Media Communications Architecture for Enhanced Interoperability," 1986
	C91	FERNANDEZ, IEEE Military Communications Conference, Conference Record Volume 1 of 3, "Architecture for Tactical C3 Systems Management," October 19-22, 1987, Section 1.5.1-1.5.7
	C92	RAFTER, WALKER, and JONES, IEEE Military Communications Conference, Conference Record Volume 3 of 3, "A Distributed Multiple Media Network Architecture," October 15-18, 1989, Section 47.1.1-47.1.5
	C93	RAFTER, IEEE Military Communications Conference, Conference Record Volume 1 of 3, "Simulation and Performance of Multiple Media Networks for Tactical Communications," September 30-October 3, 1990, Section 13.5.1-13.5.4
	C94	WILLIAM, and LEE, Mobile Cellular Telecommunications: Analog and Digital Systems, Chapter 12, "Data Links and Microwaves," 1995, pp. 363-380
	C95	LESSARD, and GERLA, IEEE Network, Volume 2, No. 3, "Wireless Communications in the Automated Factory Environment," May 1988, pp. 64-69
	C96	DR. WILLIAMS, and MAJOR HARRIS, IEEE: "Air Logistics Center Local Area Networks," 1989, pp. 1276-1282
	C97	WENCE, and ZENKO, IEEE: "Breakthrough in Radio Technology Offers New Application Options," 1989, pp. 384-388
	C98	COCHRANE, FALCONER, MUMMERT, and STRICH, IEEE Communications Magazine, Volume 23, No. 10: "Latest Network Trends," October 1985, pp. 17-31

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STATEMENT BY APPLICANT**

(use as many sheets as necessary))

Sheet 4 Of 6

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	C99	LEINER, COLE, POSTEL, and MILLS, IEEE Communications Magazine, Volume 23, No. 3: "The DARPA Internet Protocol Suite," March 1985, pp. 29-34
	C100	ROBERTAZZI, and SARCHIK, IEEE Communications Magazine, Volume 24, No. 1: "Self-Organizing Communications Networks," January 1986, pp. 28-33
	C101	PARR, and GREEN, JR., IEEE Communications Magazine, Volume 23, No. 8: "Communications for Personal Computers," August 1985, pp. 26-36
	C102	CHIEN, GOODMAN, and RUSSEL SR., IEEE Communications Magazine, Volume 25, No. 6, "Cellular Access Digital Network (CADN): Wireless Access to Networks of the Future," June 1987, pp. 22-31
	C103	BOGGS, SHOCH, TAFT, and METCALFE, IEEE Transactions on Communications, Vol. Com-28, No. 4, "PUP: An Internetwork Architecture," April 1980, pp. 612-624
	C104	ROSNER, IEEE Transactions on Communications, Vol. Com-28, No. 9, "An Integrated Distributed Control Structure for Global Communications," September 1980, pp. 1505-1515
	C105	BRICK, and ELLERSICK, IEEE Transactions on Communications, Vol. Com-28, No. 9, "Future Air Force Tactical Communications," September 1980, pp. 1551-1572
	C106	SHACHAM, IEEE Transactions on Communications, Vol. Com-31, No. 2, "A Protocol for Preferred Access in Packet-Switching Radio Networks," February 1983, pp. 253-264
	C107	GREEN, IEEE Transactions on Communications, Vol. Com-34, No. 3, "Protocol Conversion," March 1988, pp. 257-268
	C108	JUBIN, and TORNOW, Proceedings of the IEEE, Vol. 75, No. 1, "The DARPA Packet Radio Network Protocols," January 1987, pp. 21-32
	C109	SCHACHAM, and WESTCOTT, Proceedings of the IEEE, Vol. 75, No. 1, "Future Directions in Packet Radio Architectures and Protocols," January 1987, pp. 83-99
	C110	TSUCHIYA, ACM: "An Architecture for Network-Layer Routing in OSI," 1988, pp. 185-190
	C111	EPSTEIN, GILMOUR, and YOON, IEEE: "Application of Commercial Wireless LAN Technology to Forward Area Mobile Communication," 1993, pp. 490-498
	C112	RUSTAD, SKAUG, and AASEN, IEEE Journal on Selected Area in Communications, Volume 8, No. 5, "New Radio Networks for Tactical Communication," June 1990, pp. 713-727
	C113	SCHOENING, and CHRISTIAN, U.S. Government, "Soldier's Radio," Section 20.1.1-20.1.3
	C114	KANTERAKIS, and STROEBELE, IEEE: "Soldier's Radio: Innovative Communication and Networking Technologies for the Individual Warrior," 1994, pp. 347-354
	C115	BRENDLER, IEEE Communications Magazine: "Tactical Military Communications," January 1992, pp. 62-72
	C116	BROTHERS, JR., GINTHER, and LEHNERT, IEEE: "Wireless Distributed Multimedia Communications Networks for the Digital Battlefield," 1996, pp. 349-356
	C117	WOOLNUGH, EETimes "Britain Offers Digital Cordless Phone Service," December 14, 1987
	C118	Motorola, SN249041, DNYA TAC Cellular Mobile Telephone, Instruction Manual, 68P81049E55, 02/04/83
	C119	SAWYER, International Telemetering Conference, International Foundation for Telemetering, "Apollo Lunar Communications," October 13-15, 1970
	C120	INTENTIONALLY LEFT BLANK
	C121	Eugene Cernan Declaration, including exhibits at tab 1-4

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	C122	MAHANY, Norand, Engineering Development Record Log, 09/21/89--09/29/89
	C123	MAHANY, Norand, Engineering Log Sheet, 09/21/89-09/22/89
	C124	KOENCK, Norand, Engineering Log Sheet, December 13, 1991 -- January 22, 1992
	C125	INTENTIONALLY LEFT BLANK
	C126	DIETZ, et al., NASA Technical Note TN-6974, "Apollo Experience Report -- Lunar Module Communications System.", 09/1972
	C127	Government Reports - NTIS Publication GPA, December 25, 1972
	C128	Notice Regarding Issuance Of Initial Determination And Recommended Determination On Remedy And Bond
	C129	Rebuttal Expert Report Of Dr. Jerry D. Gibson On Validity Of US Patent Nos. 5,682,379 And 6,359,872, 09/19/2006
	C130	Expert Report Of Dr. Alexander Haimovich On The Invalidity Of The Asserted Claims Of U.S. Patent Nos. 5,682,379 And 6,359,872, 08/31/2006
	C131	Qualcomm Incorporated's Notice Under 35 U.S.C. § 282, 01/25/2007
	C132	FRANKEL et al., "An Overview Of The Army/DARPA Distributed Communications And Processing Experiment", IEEE Journal on Selected Areas In Communications., Vol. Sac-4, No. 2, 03/1986, pp. 207-215
	C133	KLEINROCK et al., "Packet Switching In Radio Channels: Part 1 -- Carrier Sense Multiple-Access Modes And Their Throughput Delay Characteristics", IEEE Transactions On Communications, 12/1975, pp. 1400-1416
	C134	PARKER, "A Revolution In Distribution-Bar Code Readers And Radio Transmitter", Information Week, 01/12/1992
	C135	SCHOPPE, "The Navy's Use Of Digital Radio", IEEE Transactions On Communications, Vol. Com-27, No. 12, 12/1979, pp. 1938-1945
	C136	SCHOPPE, "The Navy's Tactical Data Network", Naval Air Development Center Communication Navigation Technology Directorate, IEEE 1984, pp. 531-538
	C137	KELLEY, "Mobile Subscriber Equipment (MSE)", Army Communicator, Summer 1986, pp. 6-16
	C138	JOHNSON et al., "RITA: A Look At The French Mobile Subscriber System", Army Communicator, Vol. 12, No. 3, Summer 1987, pp. 18-19
	C139	"Systems", Jane's Military Communications, 1983, pp. 736-740, pp. 24-39
	C140	LATTIER, Apollo Experience Report-Command And Service Module Communications Subsystem, NASA Technical Note D-7585
	C141	Apollo 15 Mission Report, NASA, MSC-05161, 12/1971
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	C143	NASA, Apollo 16 Mission Report, MSC-07230, 08/1972
	C144	Apollo 17 Mission Report, NASA TM-C-69292, 03/1973
	C145	DABBS et al., NASA TN D-6739, Voice Communication Techniques & Performance, 03/1972
	C146	NOSSON, ITC USA, The Apollo VHF Ranging System, 1977, pp. 429-443
	C147	Motorola Service Manual 58P61010C09A
	C148	Theory Maintenance Manual 68P1010C05, 1982

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	C149	KOBAYASHI et al., "Detachable Mobile Radio Units", IEEE 1984, pp. 6-11
	C150	U.S. Dept. of Commerce, Government Reports Announcements, Vol. 72, No. 24, 12/25/1972, p. 212
	C151	"The Great Adventure", Newsweek Magazine, 07/21/1969, pp. 68-75
	C152	Expert Witness Report Of Larry S. Nixon Pursuant To Fed. R. Civ. P. Rule 26(a)(2)(B), 09/22/2006
	C153	Broadcom's Memorandum of Points And Authorities In Support Of Its Cross-Motion For Summary Judgment On The Effective Filing date Of U.S. Patent Nos. 5,682,379 And 6,359,872, 10/25/2006
	C154	Broadcom Corporation's Reply In Support Of Its Cross-Motion For Summary Judgment On Effective Filing Date Of U.S. Patent Nos. 5,682,379 And 6,359,872, 11/16/2006

EXAMINER

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